

Title (en)
CONTROL METHOD AND APPARATUS

Title (de)
STEUERUNGSVERFAHREN UND -VORRICHTUNG

Title (fr)
PROCÉDÉ ET APPAREIL DE COMMANDE

Publication
EP 3776497 A1 20210217 (EN)

Application
EP 19719765 A 20190208

Priority
• GB 201805512 A 20180404
• EP 2019053166 W 20190208

Abstract (en)
[origin: GB2572584A] The present disclosure relates to a controller for controlling operation of an access control device 2 for a vehicle 3. The access control device 2 is selectively operable in a first operating mode and a second operating mode. The access control device 2 is in a limited response mode when operating in the first operating mode. The controller includes a processor and memory. The processor is configured to determine a position of the access control device 2 and to generate a control signal for activating the first operating mode, the limited response mode. The control signal is generated in dependence on the determined position of the access control device. The controller may be provided in the access control device or within a vehicle or other base station unit. The limited response mode can include a sleep mode, a reduced duty cycle mode, or a periodically active mode. The use of a limited response mode reduces power consumption of the access control device, saving battery power. The position of the access control device may be compared to designated areas that may be stored in memory. The location of designated areas may be set based upon usage of the access control device.

IPC 8 full level
G07C 9/00 (2020.01)

CPC (source: CN EP GB US)
B60R 25/24 (2013.01 - CN EP GB US); **G07C 9/00309** (2013.01 - CN EP GB); **G07C 2009/0038** (2013.01 - CN GB);
G07C 2009/00507 (2013.01 - CN GB); **G07C 2009/00587** (2013.01 - CN EP); **G07C 2209/08** (2013.01 - CN EP);
G07C 2209/63 (2013.01 - CN EP GB)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
GB 201805512 D0 20180516; **GB 2572584 A 20191009**; **GB 2572584 B 20220928**; CN 112020732 A 20201201; CN 112020732 B 20231124;
CN 117429385 A 20240123; EP 3776497 A1 20210217; US 11993227 B2 20240528; US 2021197764 A1 20210701;
US 2024270208 A1 20240815; WO 2019192765 A1 20191010

DOCDB simple family (application)
GB 201805512 A 20180404; CN 201980024929 A 20190208; CN 202311471856 A 20190208; EP 19719765 A 20190208;
EP 2019053166 W 20190208; US 201917044613 A 20190208; US 202418647836 A 20240426